



# Cross4Health

## Awarded Projects Interview

<b>Awarded Project</b>	<b>REMO</b>
<b>Company name</b>	<b>MORECOGNITION, FUTURE FIT</b>



## 1. What is the company's business activity?

Morecognition Srl is an innovative start-up, founded in 2016 with a strong commitment of the entrepreneurial team to translate the research experience starting from the clinical context and reaching the market of telerehabilitation, fitness and wellness. The company will develop, produce and sell innovative and high-tech products and services in the fields of rehabilitation and ICT for Health, Well-being and Ageing well.

Future Fit is a product design and engineer studio with wearables and medical device experience.

## 2. What is the REMO project?

The REMO project try to be an answer to a the Stroke Alliance for Europe claim:

*"We need a step change in the provision of rehabilitation and long-term support for stroke survivors and their families. All stroke survivors should get an early assessment for rehabilitation in hospital and receive appropriate levels of therapy both in hospital and following discharge."*

The REMO project pretends to revolutionize the world of physiotherapy and physical activity through the implementation of real-time data and analytics, delivering useful feedback to correct bad habits. Not just helping in rehabilitation, but preventing having to go to it.

REMO comprises a wearable device able to interpret patient's muscular activity and an intuitive mobile App AI-based meant to help health professionals, personal trainers and to interact with machines and robots.

## 3. How did the idea come about?

Morecognition founders worked for many years in the field of R&D at the Italian Institute of Technology at the Artificial Physiology Lab working on projects like: Advanced EMG for hand prosthetics control, Hand Exoskeleton Emg Controlled, Movement Recognition Armband, Human Manchine Interaction and many other projects related to the human wellbeing and edge techonologies.

At Morecognition we are rethinking the rehabilitation process developing new technological solutions being applied in scenarios such as Sport and Industry 4.0. Morecognition's devices are meant to be for physical therapists what the stethoscope is now for doctors: essential.

## 4. Who are the core partners of the project?

Morecognition and Future Fit, Italy and Spain based.

## 5. How did this collaboration between the partners arise?

A Morecognition's partner and part of the advisory board was collaborating at the development of the busines model while discussing on the restyling of the device he said "I know a very good guys that has a new company based in Barcellona" and he made the link between Morecognition and Future Fit, between Paolo and Andrea, between Italy and Spain.

## 6. How did you hear about the Cross4Health project?

Daniela Cena at the Chambre of Commerce in Torino was suggesting to Morecognition to participate to the call.

## 7. What is the current status of the project?

Morecognition worked to push Remo to a TRL7, so tested on more than one hundred post-stroke in a clinica trial at the San Camillo Hospital in Venice. Another ongoing clinical trial is in Villa Serena, Turin, studying transplant cases of knee. So the MVP to test the market is ready and we have finished the first round of the maket discovery.

## 8. What are the next steps?

We are working to finish the first release of the back-end to collect the data from the App, a new and more usable versione of the App for the patients and for therapists is being released also with a chatbot integrated. We will work on the sensor optimization for industrial production and scale-up. We are planning the quality and product certification pathway.

The next step is to develop the commercialisation strategy and to start to sell Remo.

## 9. The project would be developed without the support of Cross4Health?

The support of the C4H project is helping us to close some issue on testing the devices with patients in the domestic environment and most important we are working on a Market study covering: Gemrnay, Spain, Norway and Sweden thanks to good partner we found within the C4H consortium.

## 10. Would you recommend Cross4Health to other companies?

Absolutely yes.